

FIG.1

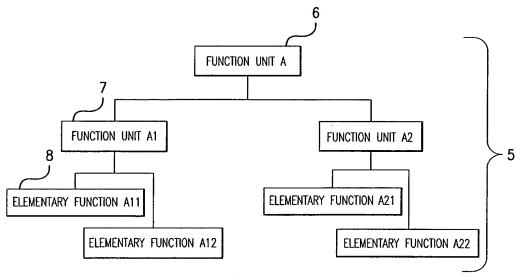
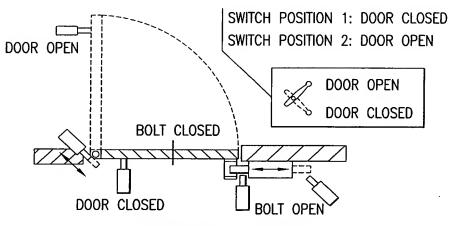


FIG.2



DESCRIPTION OF FUNCTION:

SWITCH IN POSITION 1: BOLT UNLOCKED AND DOOR OPENS SWITCH IN POSITION 2: DOOR IS CLOSED AND BOLTED

FIG.4

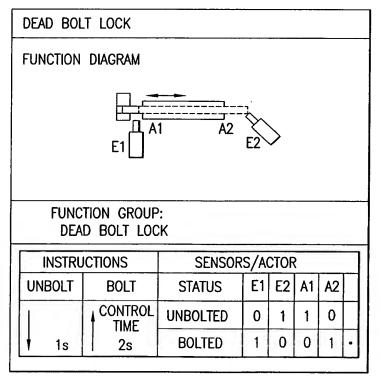


FIG.5

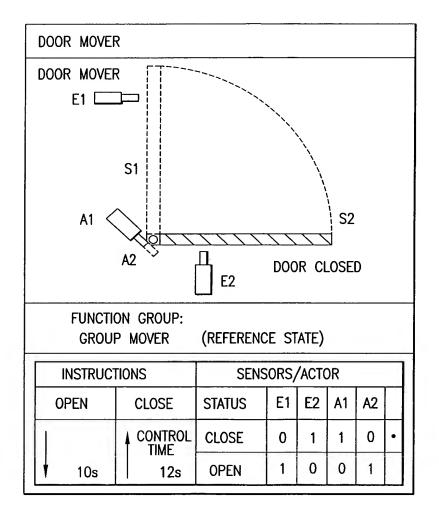


FIG.6

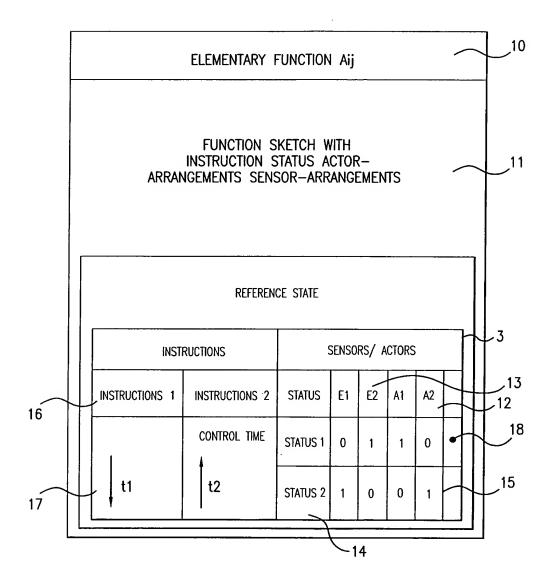
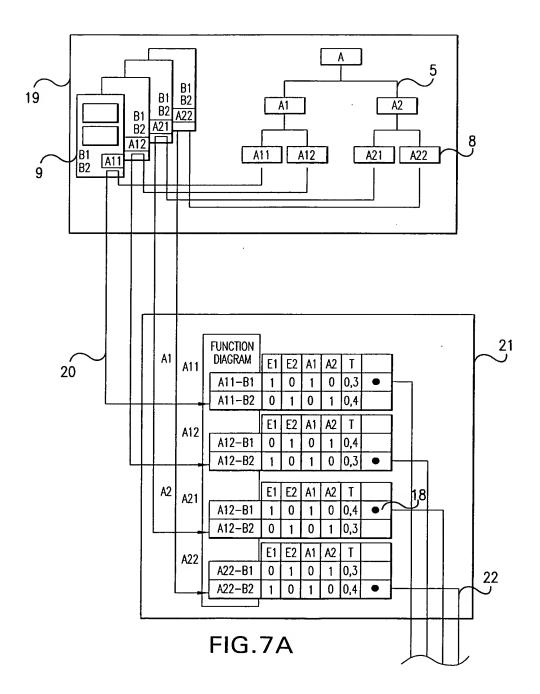


FIG.3



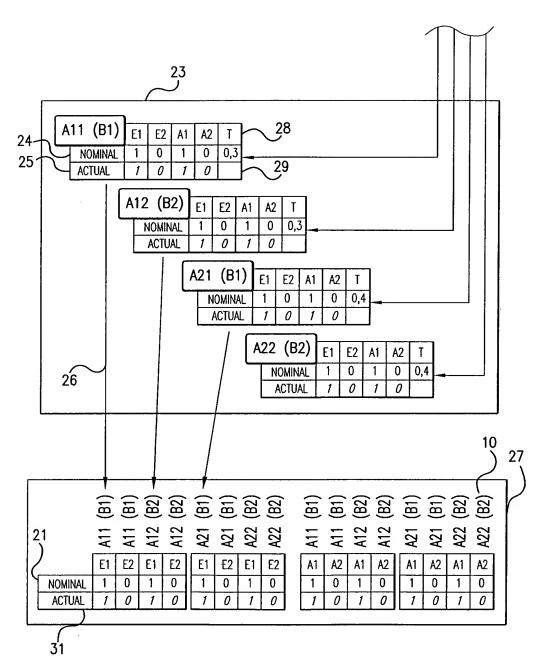


FIG.7B

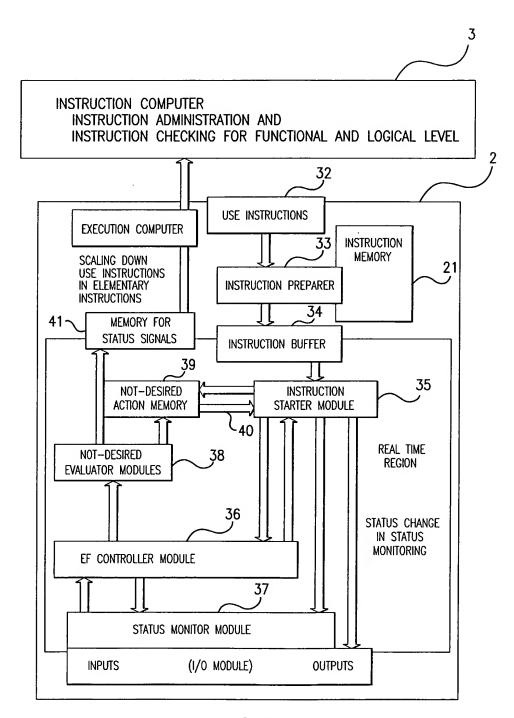


FIG.8

NAME OF THE INSTRUCTION

(1) #EF (ELEMENTARY FUNCTION)

(2) NOMINAL STATUS OF SENSORS

(3) NOMINAL STATUS OF ACTORS

(4) CONTROL TIME

(5) NOT-DESIRED ACTIONS START

(6) NOT-DESIRED ACTIONS FINISH

FIG.9

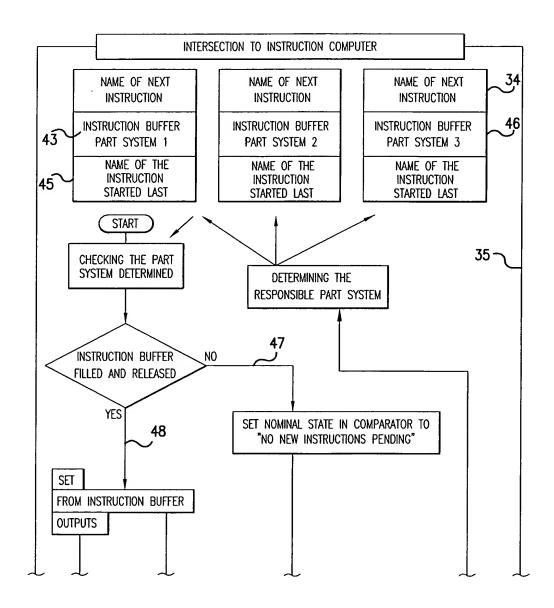


FIG.10A

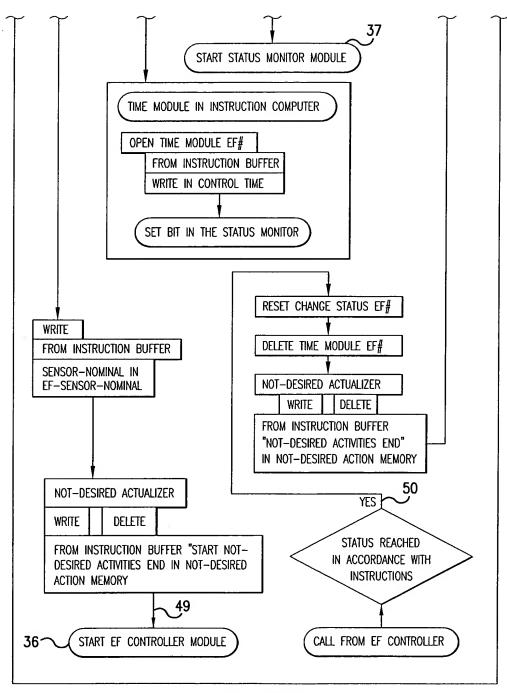


FIG.10B

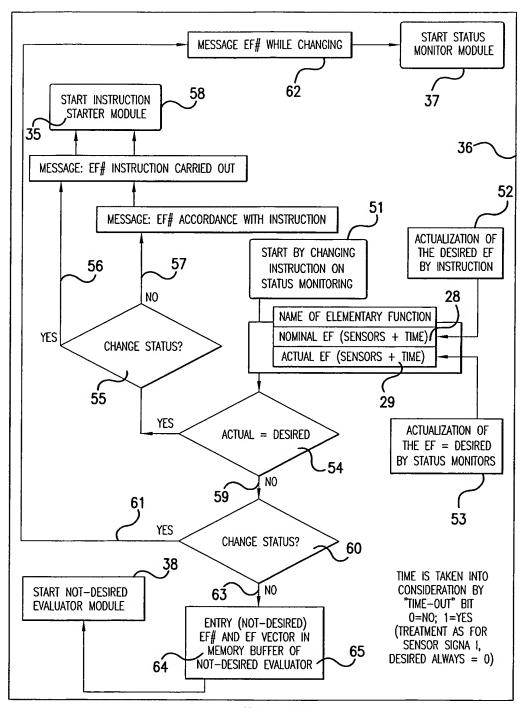
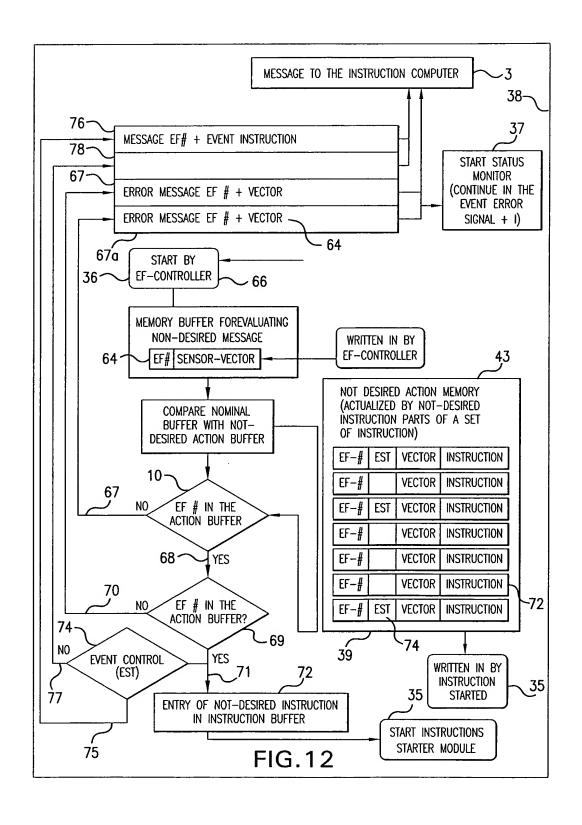


FIG.11



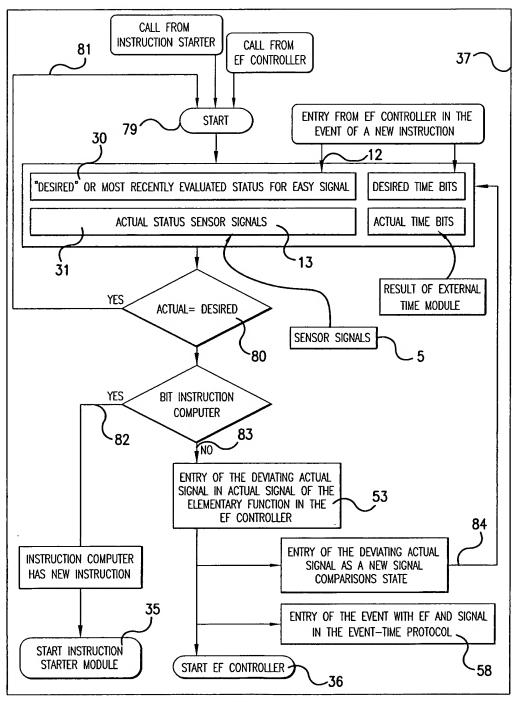


FIG.13

85 (1) (2) (3) (4) **ELEMENTARY FUNCTION** SYSTEM TIME SIGNAL IDENTIFIER STARTING TIME + MS NAME A11 **E**1 1 123,456 10E3 A12 E1 0 123,789 10E3 E2 0 223.789 10E3 A11 323, 789 10E3 A21 E1 1 E2 0 423, 789 10E3 A22 A22 **E**1 1 523,789 10E3 823,789 10E3 A21 E2 0 A23 E1 0 923,789 10E3 A31 E2 1 123,789 10E4 E1 1 323,789 10E4 A11 • • • •

FIG.14

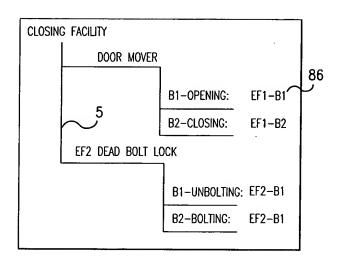


FIG.15

88 88 INSTRUCTION NAME DOOR OPEN INSTRUCTION CONTENT OPEN DOOR INSTRUCTION SEQUENCE BARRIER TO BE SET BARRIER TO BE CANCELED AFTER THE INSTRUCTION DURING THE INSTRUCTIONS TO DURING THE AFTER THE HAS BEEN BE ACTIVATED CARRYING OUT CARRYING OUT CARRYING OUT CARRIED OUT EF2-B1 EF1-B1 EF1-B1 OPEN DOOR OPEN DOOR 1.) UNLOCK BOLT MOVER MOVER EF2-B2 EF1-B2 EF1-B1 2.) OPEN DOOR MOVER SET BOLT SET BOLT

INSTRUCTION NAME	DOOR CLOSED	INSTRUCTION	CONTENT	CLO	OSE DOOR	
INSTRUCTION SEQUENCE	BARRIER TO	BARRIER TO BE SET		BARRIER, WHICH IS TO BE REMOVED		
INSTRUCTIONS TO BE ACTIVATED	WHILE THE INSTRUCTION IS BEING CARRIED OUT	AFTER THE INSTRUCTION HAS BEEN CARRIED OUT	WHILE INSTRUCT BEING CA OU	TON IS ARRIED	AFTER THE INSTRUCTION HAS BEEN CARRIED OUT	
EF1-B2	EF1-B2				EF2-B2	
1.) CLOSE DOOR MOVER	SET BOLT				SET BOLT	
EF2-B2	EF1-B1	EF1-B1				
2.) SET BOLT	OPEN DOOR MOVER	OPEN DOOR MOVER				

FIG.16

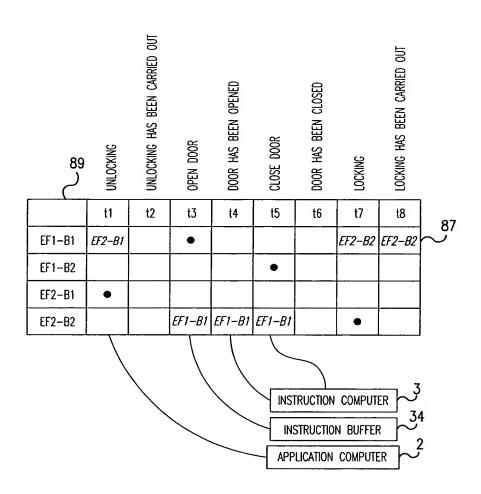


FIG.17

SUB-MENU ERROR REACTION

INSTRUCTION = EF1-B2 CLOSE DOOR MOVER

CHARGING BEFORE CARRY OUT INSTRUCTION

REACTION TO: EF2

SIGNAL VECTOR: E1=1

ERROR INSTRUCTION: EF1-B1 OPEN DOOR MOVER

CLEARING AFTER CARRYING OUT INSTRUCTIONS

FIG.18

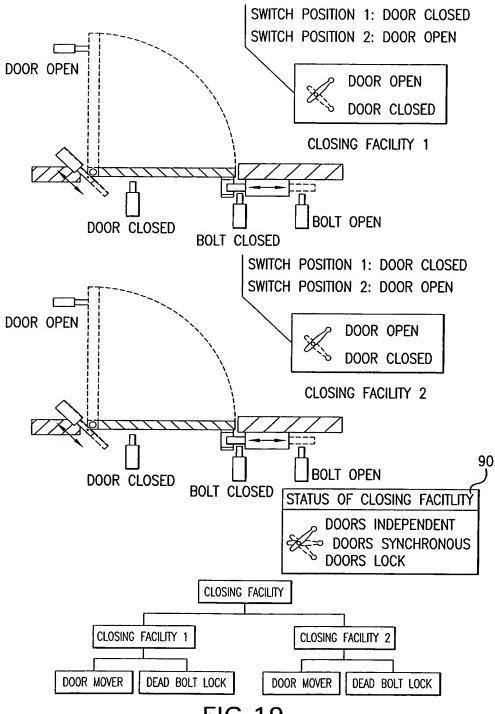


FIG.19

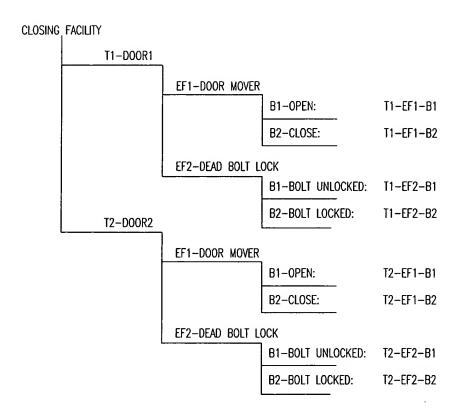


FIG.20

91 STATUS OF CLOSING FACILITY: S1 (OPERATE DOORS INDEPENDENTLY) 92 INVENTORY OF INSTRUCTIONS INSTRUCTION DEVICE INSTRUCTION LIBRARY OPEN DOOR 1 DOOR1 SWITCH1 T1-DOOR OPEN CLOSE DOOR 1 DOOR1 SWITCH2 T1-DOOR CLOSED OPEN DOOR 1 DOOR2 SWITCH1 T2-DOOR OPEN CLOSE DOOR 1 DOOR2 SWITCH2 T2-DOOR CLOSED

STATUS OF CLOSING FACILITY	: S2 (DOORS SYNCHRO	upusly)	93	
INVENTORY OF INSTRUCTIONS	INSTRUCTION DEVICE	INSTRUCTION LIBRARY		
DOOR OPEN	CHANGE FROM DOOR SWITCH 1 OR 2	PARALLEL INSTRUCTION	T1-DOOR OPEN T2-DOOR OPEN	
DOOR CLOSED	CHANGE FROM DOOR SWITCH 1 OR 2	PARALLEL INSTRUCTION	T1-DOOR CLOSED T2-DOOR CLOSED	

STATUS OF CLO	SING FACILITY: S3 (D	OOR LOCK)		
INVENTORY OF INSTRUCTIONS	INSTRUCTION DEVISE	INSTRUCTION LIBRARY	WHILE CARRYING OUT INSTRUCTIONS	AFTER INSTRUCTIONS HAVE BEEN CARRIED OUT
OPEN DOOR 1	DOOR 1 SWITCH 1	DOOR OPEN	LOCK DOOR 2	LOCK DOOR 2
CLOSE DOOR 1	DOOR 1 SWITCH 2	DOOR CLOSE	LOCK DOOR 2	
OPEN DOOR 2	DOOR 2 SWITCH 1	DOOR OPEN	LOCK DOOR 1	LOCK DOOR 1
CLOSE DOOR 2	DOOR 2 SWITCH 2	DOOR CLOSE	LOCK DOOR 1	

FIG.21

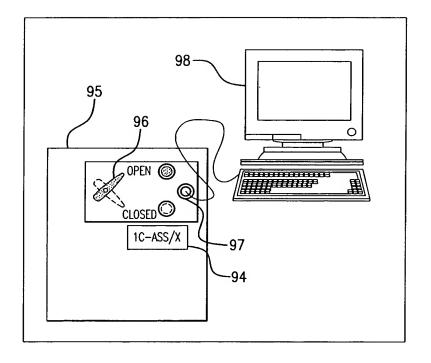


FIG.22